

brother[®]

**Brother Laser Printer
PARTS REFERENCE LIST**

MODEL: MFC-P2500 / HL-P2500



Read this list thoroughly before maintenance work.

Keep this list in a convenient place for quick and easy reference at all times.

NOTE FOR USING THIS PARTS REFERENCE LIST

1. In the case of ordering parts, it needs mentioning the following items:

- (1) Code
- (2) Q'ty
- (3) Description
- (4) Symbol (PCB No., Revision , and Parts location mounted on the PCB.)

Note : No orders without Parts Code or Tool No. can be accepted.

< Example >

REF.NO.	CODE	Q'TY	DESCRIPTION	SYMBOL	REMARK

Revision No.: marked on the **main printed circuit board**.

B48K056 - 201A

..... Design change indication
..... Specification No .
..... Pattern alteration No.
..... Circuit board No.

Revision No.: marked on the **power supply printed circuit board**.

Rev. A

..... Design change indication
(The first version has no sign.)

2. Design-changed parts :

If the parts are changed, any one of the following symbols is indicated in the REMARKS column.

- #A : compatible between old and new
- #B : replaceable from old to new
- #D : incompatible
- # : newly established

3. The original of this list was made based on the information available in December, 1999.

4. Parts are subject to change in design without prior notice.

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1. FRAME / DRIVE UNIT

REF.NO.	CODE	Q'TY	DESCRIPTION	SYMBOL	REMARK
1	UL9311001	1	MAIN MOTOR ASSY		
2	087320616	4	TAPTTITE, CUP S M3X6		
3	LJ4069001	1	SOLENOID ASSY		
4	000300415	1	SCREW, BIND M3X4		
5	LJ4432001	1	TAPE 32X12		
6	UL8984001	1	LINK		
7	LJ4015001	1	FAN MOTOR UNIT		
8	UL9099001	1	TONER EMPTY PCB UNIT (LIGHT EMISSION)	B512038	
9	087320616	2	TAPTTITE, CUP S M3X6		
10	UL8507001	4	RUBBER FOOT		
11	UL9104001	1	TONER EMPTY PCB UNIT (LIGHT RECEPTION)	B512037	
12	087320616	1	TAPTTITE, CUP S M3X6		
13	LJ8031001	1	LT RELAY PCB ASSY	B512060	
14	087320616	1	TAPTTITE, CUP S M3X6		
15	UG3005000	1	FERRITE CORE: 16X8X10		

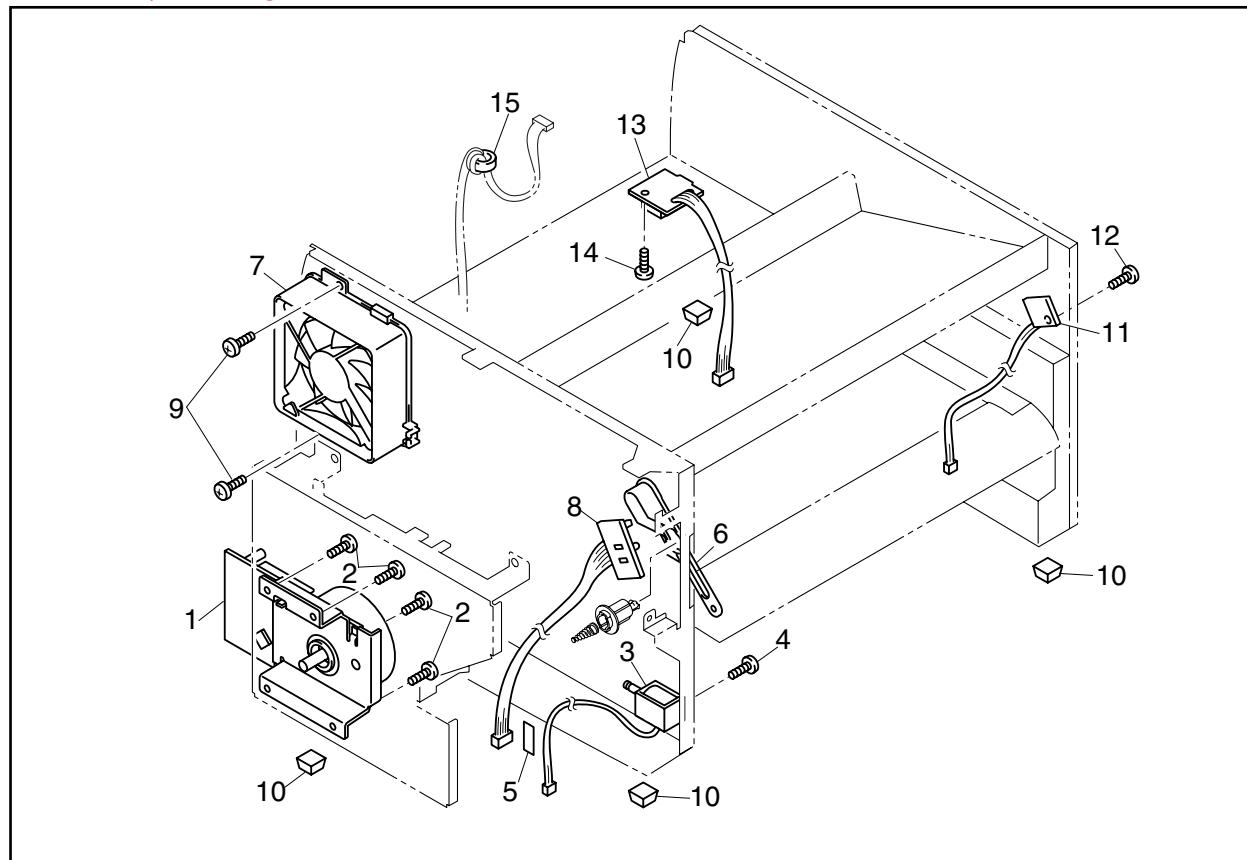
MODEL MFC-P2500/HL-P2500 84U-Z11-010

2. LASER UNIT

REF.NO.	CODE	Q'TY	DESCRIPTION	SYMBOL	REMARK
1	LJ4157001	1	LASER UNIT (SP)	(B512033)	
2	087321615	3	TAPTTITE, CUP S M3X16		

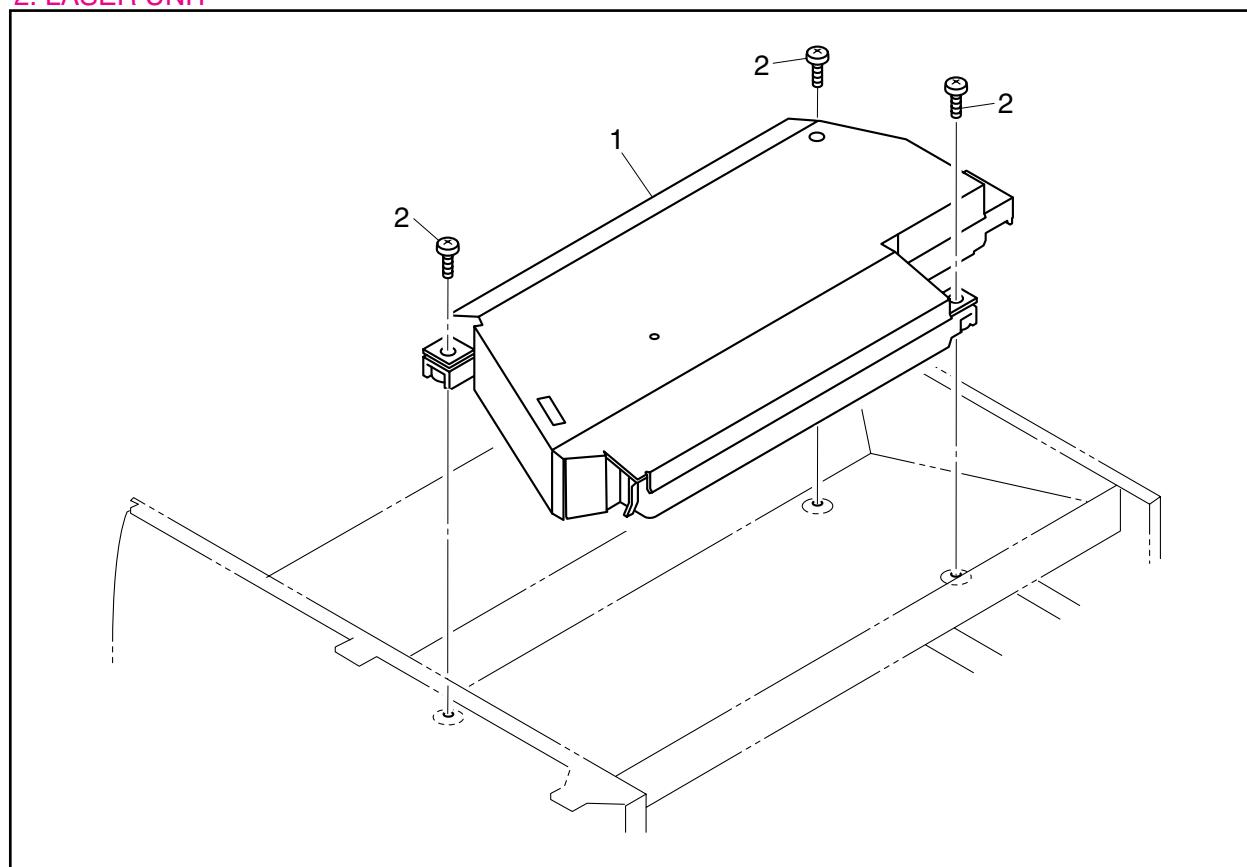
MODEL MFC-P2500/HL-P2500 84U-Z11-020

1. FRAME / DRIVE UNIT



MODEL MFC-P2500/HL-P2500 84U-Z11-010

2. LASER UNIT



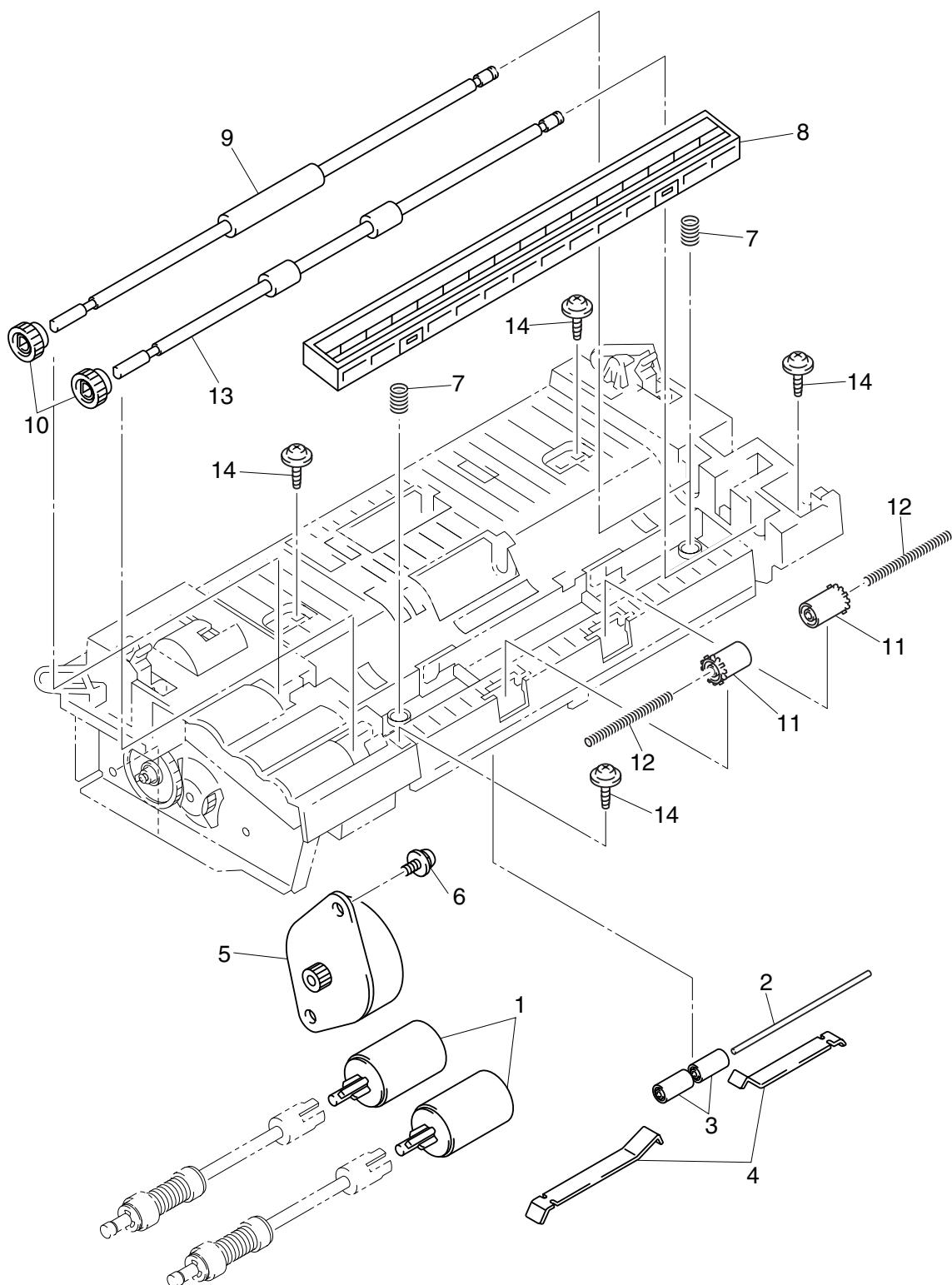
MODEL MFC-P2500/HL-P2500 84U-Z11-020

3. DOCUMENT SCANNER FRAME

REF.NO.	CODE	Q'TY	DESCRIPTION	REMARK
1	LE1072001	2	DOCUMENT SEPARATION ROLLER	
2	UF4369000	1	PRESSURE ROLLER SHAFT	
3	UF9009001	2	PRESSERE ROLLER	
4	UU7032001	2	LF SPRING	
5	UU2027001	1	SCANNER MOTOR	
6	0A4300605	1	SCREW, PAN (S/P WASHER) M3X6	
7	UU2028001	2	CIS SPRING	
8	LE1160001	1	CIS UNIT ZL (SP)	
9	UU2029001	1	DOCUMENT FEED ROLLER	
10	LE1196001	2	ROLLER GEAR	
11	UL6244002	2	EJECT PINCH ROLLER	
12	UU2009001	2	EJECT PINCH ROLLER SPRING	
13	UU2031001	1	DOCUMENT EJECT ROLLER	
14	087311016	4	TAPTITE, CUP B M3X10	

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3. DOCUMENT SCANNER FRAME



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4. PAPER FEEDER

REF.NO.	CODE	Q'TY	DESCRIPTION	REMARK
1	UL9060001	1	PAPER FEED ROLLER ASSY	
2	UL9066001	1	PAPER PICK-UP ROLLER ASSY	
3	LJ4499001	1	TR ELECTRODE HELICAL SPRING	

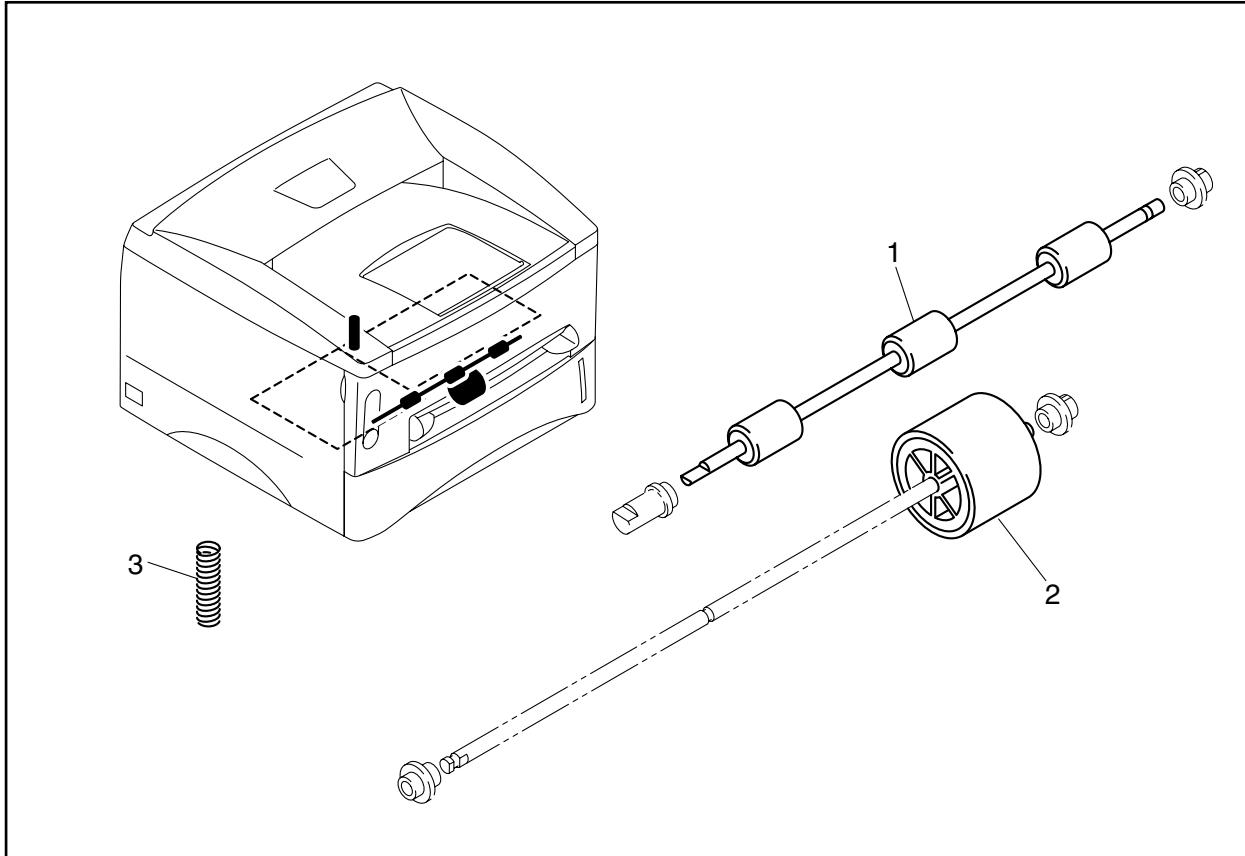
MODEL MFC-P2500/HL-P2500 84U-Z11-040

5. FIXING UNIT

REF.NO.	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ4164001	1	FIXING UNIT, 115V (SP)	
1	LJ4168001	1	FIXING UNIT, 230V (SP)	
1-1	UL8902001	1	THERMISTOR ASSY	
1-2	087311215	1	TAPTTITE, CUP B M3X12	
1-3	LJ4169001	1	HEAT ROLLER 25 (SP)	
1-4	UL8908001	2	HR BEARING 25	
1-5	LJ4160001	1	HALOGEN LAMP, 115V (SP)	
1-5	LJ4163001	1	HALOGEN LAMP, 230V (SP)	
1-6	UL8929001	8	EJECT PINCH ROLLER	
1-7	LJ4431001	8	PINCH SPRING	
1-8	LJ4407001	2	CLEANER ROLLER ASSY	
1-9	LJ4409001	2	CLEANER SPRING	
1-10	087312015	2	TAPTTITE, CUP B M3X20	
1-11	Z07200001	1	TAPTTITE, PAN B M3X10	
2	087320815	1	TAPTTITE, CUP S M3X8	
3	LJ4740001	2	SHOULDER SCREW	

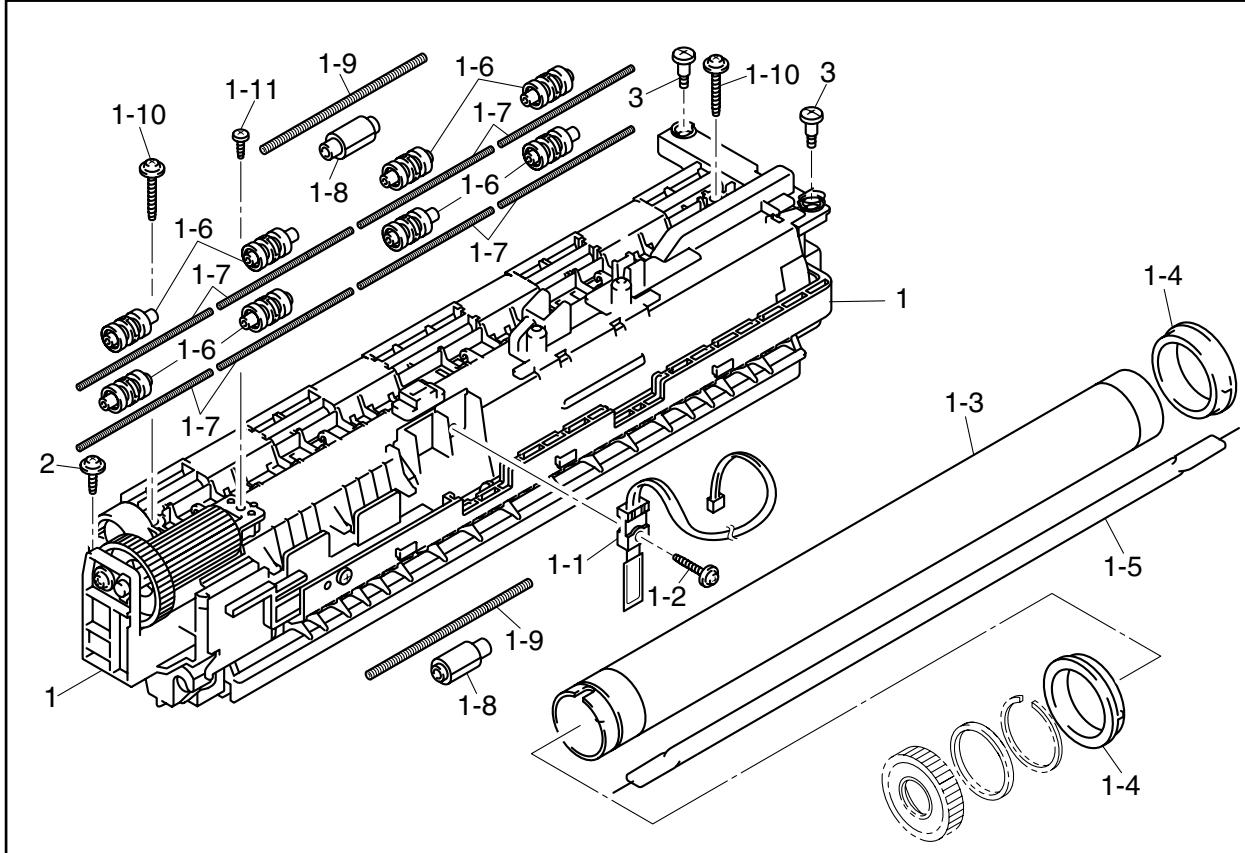
MODEL MFC-P2500/HL-P2500 84U-Z11-050/051

4. PAPER FEEDER



MODEL MFC-P2500/HL-P2500 84U-Z11-040

5. FIXING UNIT



MODEL MFC-P2500/HL-P2500 84U-Z11-050/051

6-A. PAPER CASSETTE, LGL

REF.NO.	CODE	Q'TY	DESCRIPTION	REMARK
1	LE1162001	1	PAPER TRAY ASSY, LGL (SP)	
1-1	LJ4537001	1	PRESSURE PLATE ASSY, LGL	
1-2	UL9077001	2	PRESSURE PLATE SPRING	
1-3	UL9078001	1	SIDE GUIDE L	
1-4	UL9079001	1	SIDE GUIDE R	
1-5	U73515001	2	TAPTITE, CUP B M2.6X5	
1-6	UL9080001	2	SIDE GUIDE RACK	
1-7	UL9081001	1	SIDE GUIDE GEAR	
1-8	UL9082001	1	FRICTION SPRING	
1-9	087310815	1	TAPTITE, CUP B M3X8	
1-10	UL9083001	1	REAR PAPER GUIDE	
1-11	UL9084001	1	SEPARATION PAD HOLDER ASSY	
1-12	UL9090001	1	SEPARATION PAD SPRING	
1-13	UL9091001	1	PAPER INDICATOR	
1-14	UL9092001	1	LOCK LEVER	
1-15	LJ4534001	1	PRESSURE ROLLER HOLDER, LGL	
1-16	LJ4195001	1	PRESSURE ROLLER COLLAR	
1-17	LJ4226001	1	PRESSURE ROLLER SHAFT	
1-18	UL9095001	1	RELEASE LEVER EXTENSION SPRING	
1-19	LJ2061001	1	PAPER TRAY COVER	
1-20	UF8709001	1	TAPTITE, TORX PAN B M3X8	
1-21	LJ4272001	1	TRAY COVER FILM	
1-22	LJ4221001	1	SCRATCH SPONGE HOLDER ASSY	
1-23	LJ4200001	2	SCRATCH SPONGE SPRING	

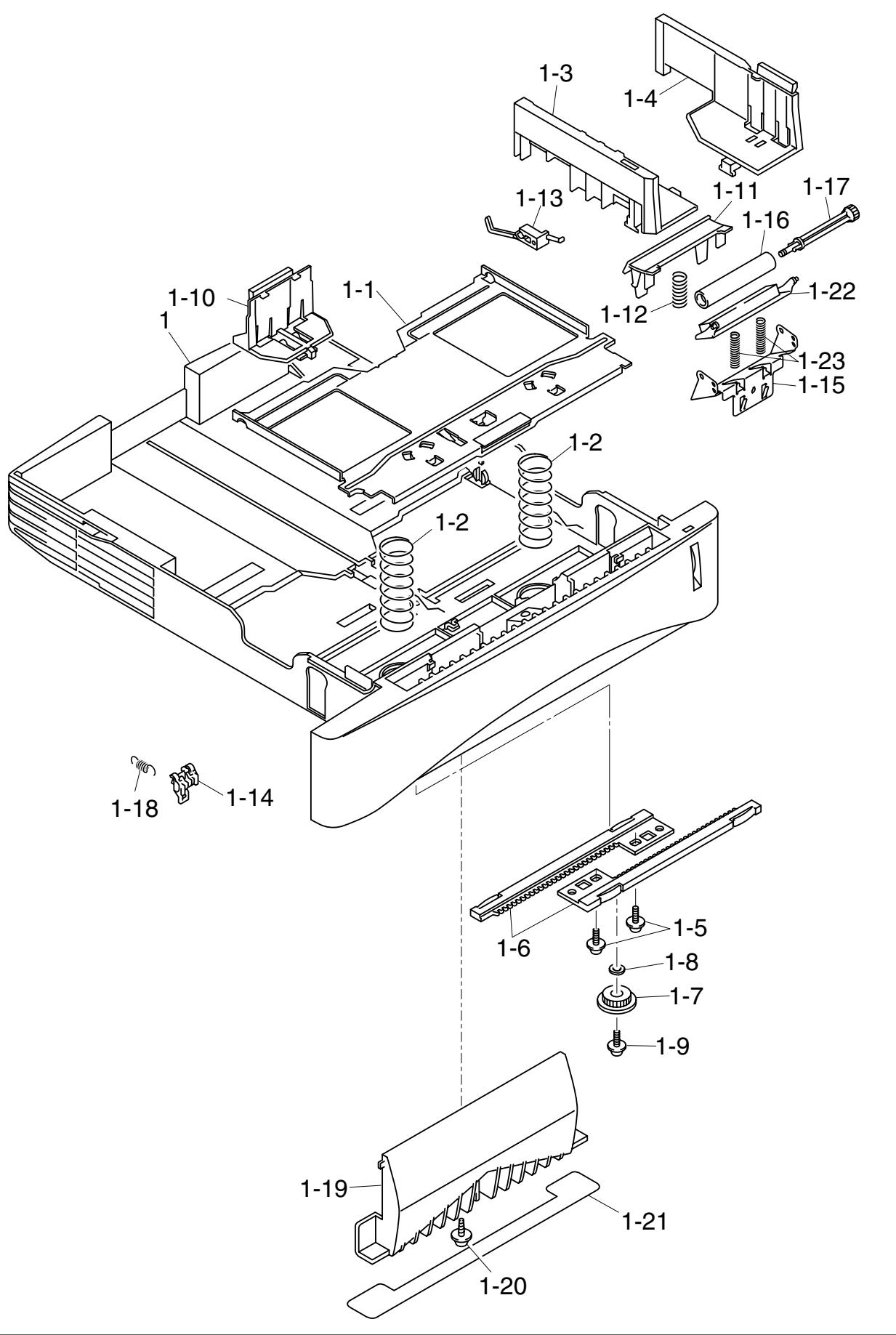
MODEL MFC-P2500/HL-P2500 84U-Z11-045

6-B. PAPER CASSETTE, A4

REF.NO.	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ4181001	1	PAPER TRAY ASSY, A4 (SP)	
1-1	UL9074001	1	PRESSURE PLATE ASSY, A4	
1-2	UL9077001	2	PRESSURE PLATE SPRING	
1-3	UL9078001	1	SIDE GUIDE L	
1-4	UL9079001	1	SIDE GUIDE R	
1-5	U73515001	2	TAPTITE, CUP B M2.6X5	
1-6	UL9080001	2	SIDE GUIDE RACK	
1-7	UL9081001	1	SIDE GUIDE GEAR	
1-8	UL9082001	1	FRICTION SPRING	
1-9	087310815	1	TAPTITE, CUP B M3X8	
1-10	UL9083001	1	REAR PAPER GUIDE	
1-11	UL9084001	1	SEPARATION PAD HOLDER ASSY	
1-12	UL9090001	1	SEPARATION PAD SPRING	
1-13	UL9091001	1	PAPER INDICATOR	
1-14	UL9092001	1	LOCK LEVER	
1-15	LJ4196001	1	PRESSURE ROLLER HOLDER, A4	
1-16	LJ4195001	1	PRESSURE ROLLER COLLAR	
1-17	LJ4226001	1	PRESSURE ROLLER SHAFT	
1-18	UL9095001	1	RELEASE LEVER EXTENSION SPRING	
1-19	LJ2061001	1	PAPER TRAY COVER	
1-20	UF8709001	1	TAPTITE, TORX PAN B M3X8	
1-21	LJ4272001	1	TRAY COVER FILM	
1-22	LJ4221001	1	SCRATCH SPONGE HOLDER ASSY	
1-23	LJ4200001	2	SCRATCH SPONGE SPRING	

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6. PAPER CASSETTE



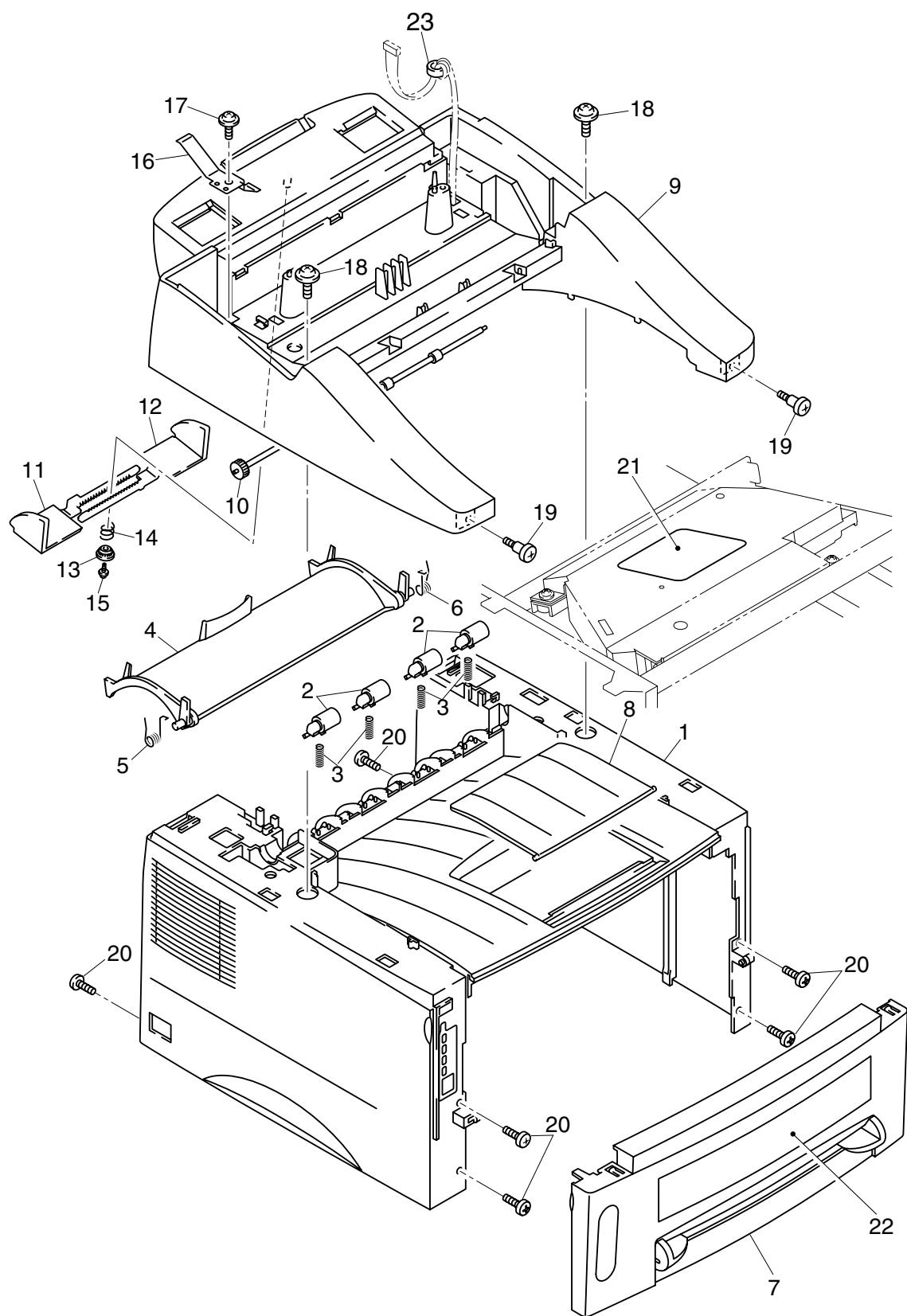
MODEL MFC-P2500/HL-P2500 84U-Z11-045/047

7. COVER

REF.NO.	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ4122001	1	MAIN COVER ASSY	
2	UL9122001	4	PINCH ROLLER ASSY	
3	UL9125001	4	PINCH ROLLER SPRING	
4	UL9126001	1	REAR COVER	
5	UL9127001	1	REAR COVER SPRING L	
6	UL9128001	1	REAR COVER SPRING R	
7	LJ4278001	1	FRONT COVER ASSY P25	
8	UL9140001	1	TRAY EXTENSION FLAP	
9	LJ4280001	1	TOP COVER P25	
10	UL9142001	1	SECOND EJECT ROLLER ASSY	
11	UF6114008	1	DOCUMENT GUIDE, L	
12	UF6115008	1	DOCUMENT GUIDE, R	
13	UF4417000	1	GUIDE GEAR	
14	UF4418001	1	PRESSURE SPRING	
15	UF5034001	1	TAPTITE, B M3X6	
16	UU2047001	1	SCANNING GROUND SPRING	
17	087311016	1	TAPTITE, CUP B M3X10	
18	087321015	2	TAPTITE, CUP S M3X10	
19	UF9823001	2	SHOULDER SCREW	
20	085320816	6	TAPTITE, BIND S M3X8	
21	UL6740001	1	LASER CAUTION LABEL, EUR	
22	LJ4296001	1	MYLAR LABEL P2500, US	
22	LJ4364001	1	MYLAR LABEL P2500, CAN	
22	LJ4307001	1	MYLAR LABEL P2500, EUR	
23	UG3005000	1	FERRITE CORE: 16X8X10	

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7. COVERS



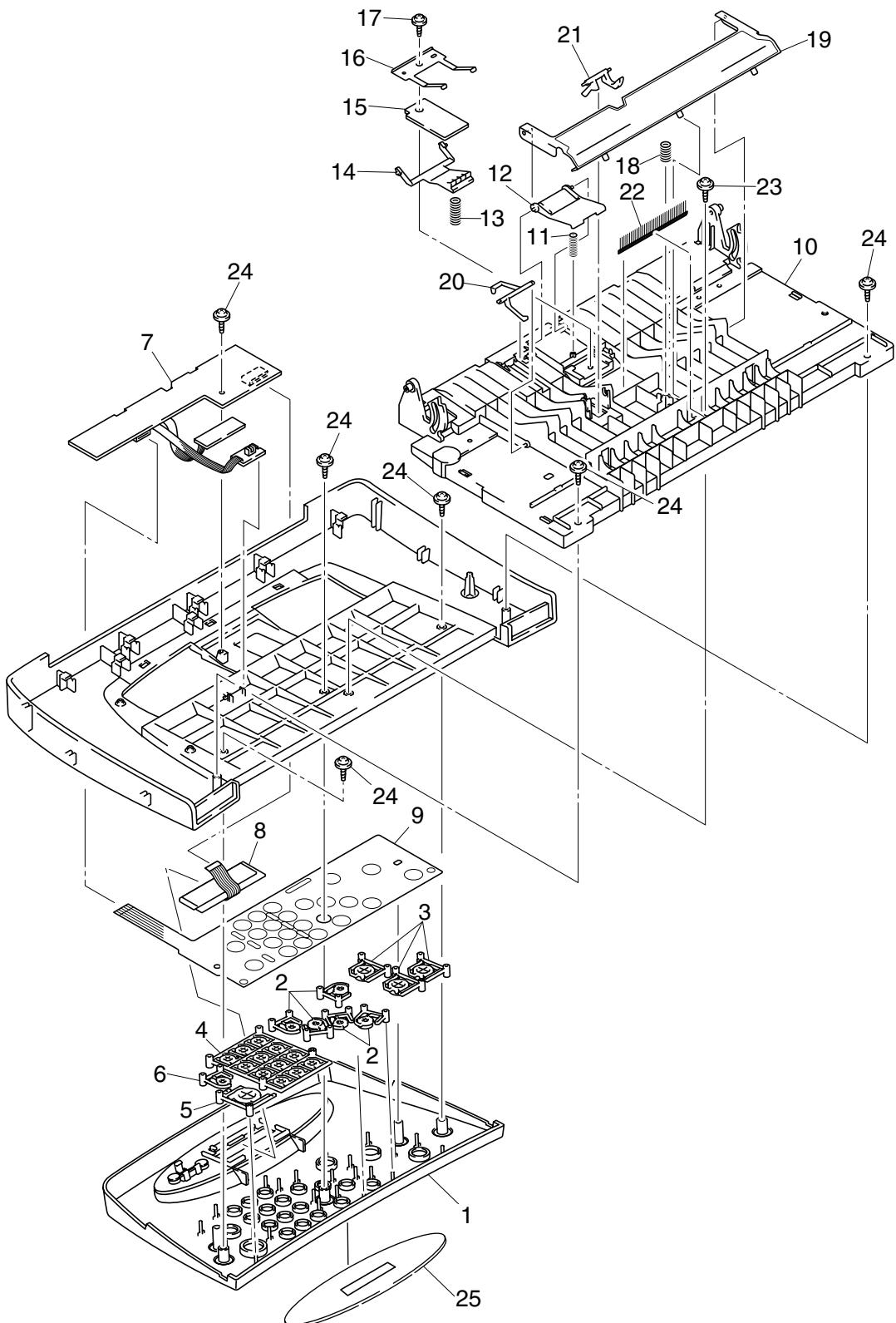
MODEL MFC-P2500/HL-P2500 84U-Z11-060

8. CONTROL PANEL

REF.NO	CODE	Q'TY	DESCRIPTION	SYMBOL	REMARK
1	LJ4282001	1	PANEL COVER		
2	LJ4283001	5	KEY, FUNCTION 6		
3	LJ4231001	3	KEY, FUNCTION 9.5		
4	LJ4284001	1	KEY, TEN		
5	LJ4231002	1	KEY, FUNCTION 9.5 (STOP)		
6	LJ4285001	1	KEY, START		
7	LJ8071001	1	PANEL PCB ASSY	B512063	
8	UG3062001	1	LCD		
9	LJ8068001	1	FPC KEY 2500		
10	UU2005001	1	PANEL REAR COVER		
11	UU2051001	1	DOCUMENT NIP PIECE SPRING		
12	UU2052001	1	DOCUMENT NIP PIECE		
13	UU2053001	1	ADF SPRING		
14	UU2054001	1	RUBBER HOLDER		
15	UU2055001	1	SEPARATION RUBBER		
16	UU2056001	1	FRONT SPRING PLATE		
17	UF5034001	1	TAPTTITE, B 3X6		
18	UU2057001	1	DOCUMENT PRESSURE BAR SPRING		
19	UU2058001	1	DOCUMENT PRESSURE BAR		
20	UU2061001	1	DOC FRONT SENSOR ACTUATOR		
21	UU2062001	1	DOC REAR SENSOR ACTUATOR		
22	LE1071001	1	ANTI-STATIC BRUSH ZLM		
23	087310815	1	TAPTTITE, CUP B M3X8		
24	087311016	6	TAPTTITE, CUP B M3X10		
25	LJ4287001	1	LCD COVER, US		
25	LJ4316001	1	LCD COVER, EU		

MODEL MFC-P2500/HL-P2500 84U-Z11-090

8. CONTROL PANEL



MODEL MFC-P2500/HL-P2500 84U-Z11-090

9. MAIN PCB

REF.NO.	CODE	Q'TY	DESCRIPTION	SYMBOL	REMARK
1	LJ8241001	1	MAIN PCB ASSY, US (SP)	B512062-111	
1	LJ8242001	1	MAIN PCB ASSY, EU (SP)	B512062-112	
1	LJ8263001	1	MAIN PCB ASSY, CHILE (SP)	B512062-119	
1-1	LJ8256001	1	MASK ROM		
2	LE1169001	1	USB GROUND PLATE, EU		

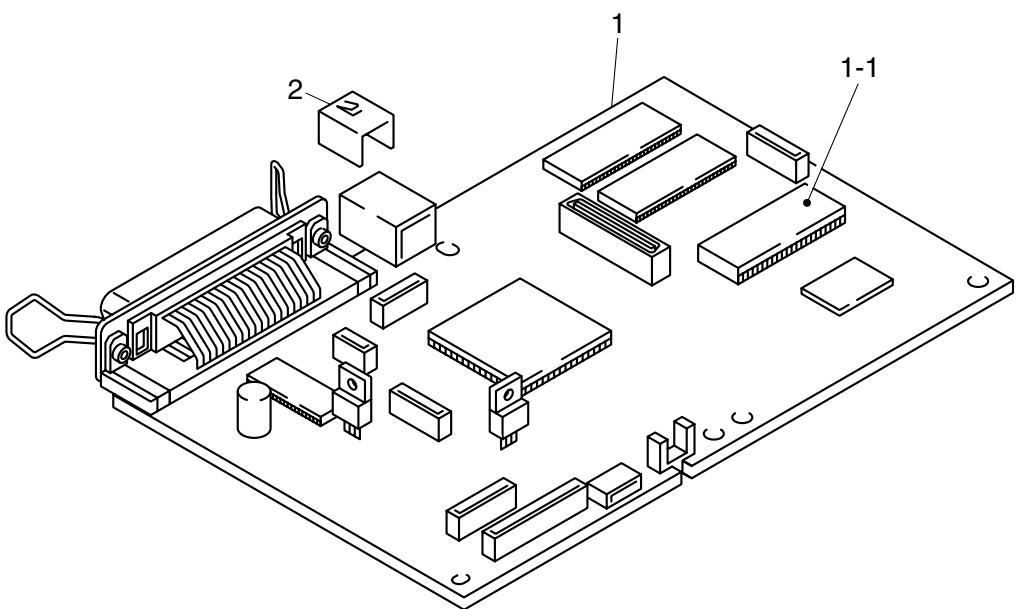
MODEL MFC-P2500/HL-P2500 84U-Z11-102/103

10. ENGINE PCB

REF.NO.	CODE	Q'TY	DESCRIPTION	SYMBOL	REMARK
1	LE1506001	1	ENGINE PCB ASSY (SP)	B512059-423	

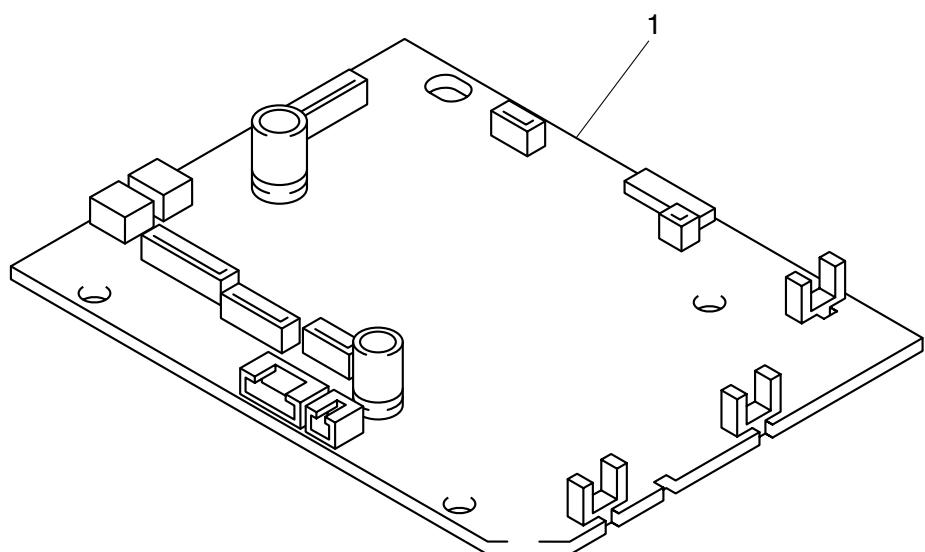
MODEL MFC-P2500/HL-P2500 84U-Z11-151

9. MAIN PCB



MODEL MFC-P2500/HL-P2500 84U-Z11-101/103

10. ENGINE PCB



MODEL MFC-P2500/HL-P2500 84U-Z11-151

11. LOW-VOLTAGE POWER SUPPLY PCB

REF.NO.	CODE	Q'TY	DESCRIPTION	SYMBOL	REMARK
1	LE1539001	1	LOW-VOLTAGE PS ASSY, 115V (SP)		
1	LJ4175001	1	LOW-VOLTAGE PS ASSY, 230V (SP)		
2	UK4426001	1	INLET UNIT, 115V		
2	UK4430001	1	INLET UNIT, 230V		
3	085320816	1	TAPTTITE, BIND S M3X8		
4	087320616	1	TAPTTITE, CUP S M3X6		
5	LJ4756001	1	AC INLET FILM		

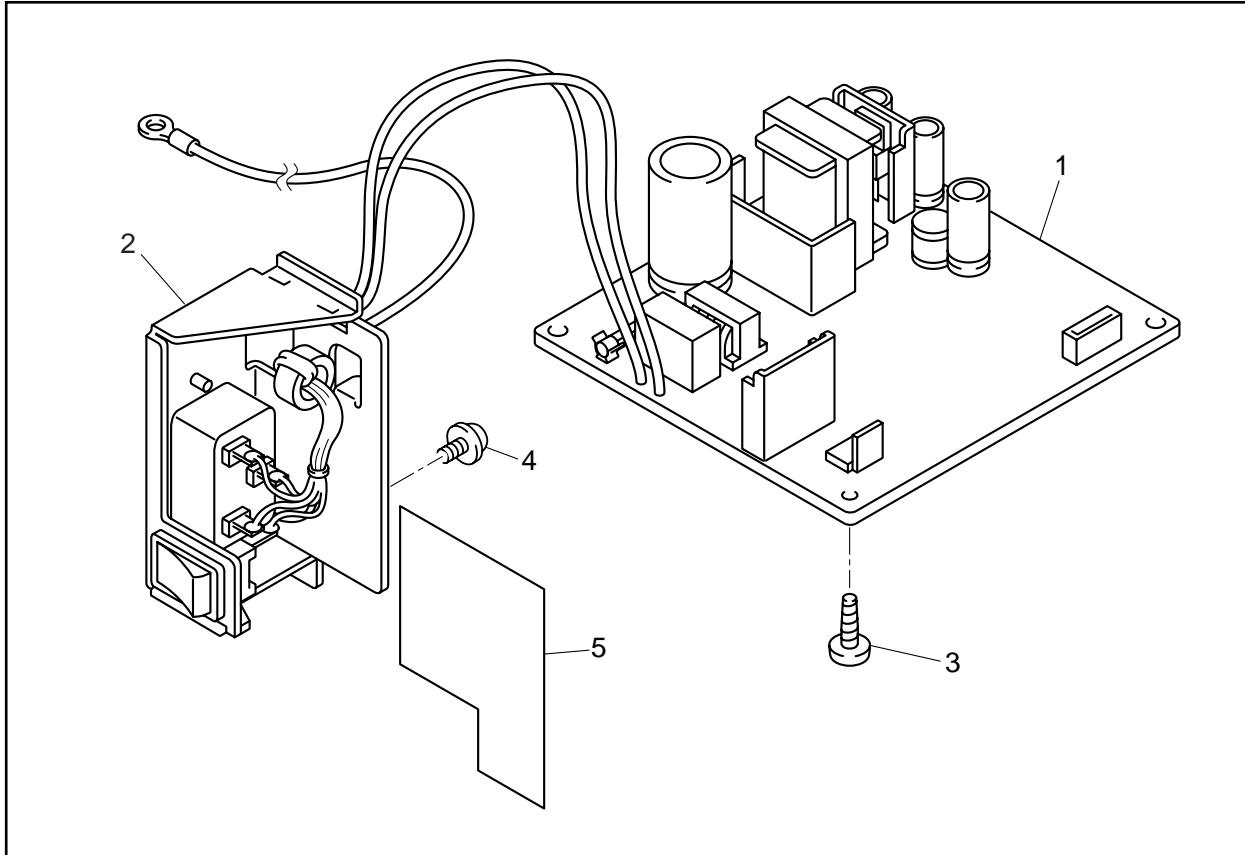
MODEL MFC-P2500/HL-P2500 84U-Z11-200/201

12. HIGH-VOLTAGE POWER SUPPLY PCB

REF.NO.	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ8156001	1	HIGH-VOLTAGE PS ASSY (SP)	
2	085411215	4	SCREW BIND B TITE M4X12	

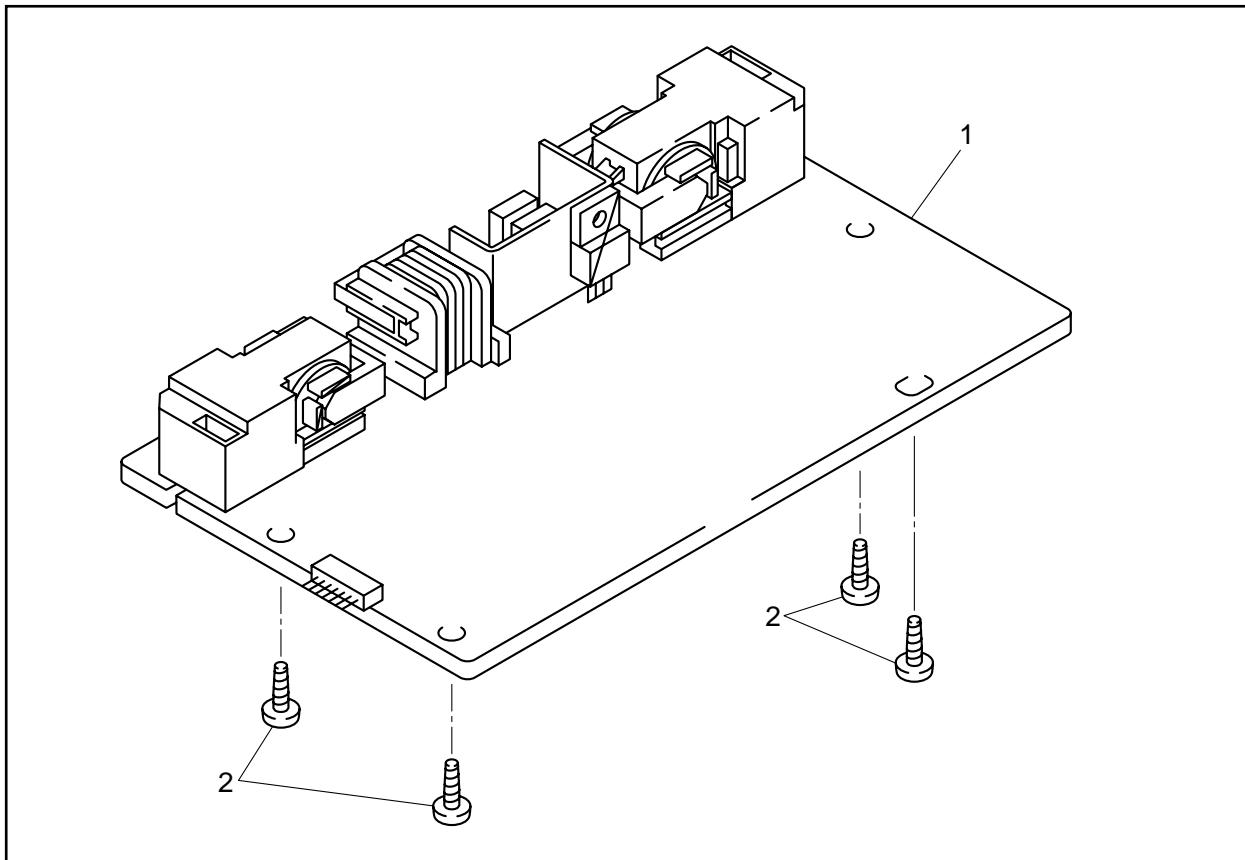
MODEL MFC-P2500/HL-P2500 84U-Z11-220

11. LOW-VOLTAGE POWER SUPPLY PCB



MODEL MFC-P2500/HL-P2500 84U-Z11-200/201

12. HIGH-VOLTAGE POWER SUPPLY PCB



MODEL MFC-P2500/HL-P2500 84U-Z11-220

13. AC CORDS

REF.NO.	CODE	Q'TY	DESCRIPTION	REMARK
1A	UH1051001	1	AC CORD, UL/CSA	
1B	UK4503001	1	AC CORD ASSY, SAA	
1C	UK4502001	1	AC CORD ASSY, SEV	
1D	UK4099001	1	AC CORD, CHLI	
1E	UH1054001	1	AC CORD, BS	
1F	U34322001	1	AC CORD #6, ISRAEL	
1G	U34320001	1	AC CORD #4, BS	
1H	UK4094001	1	AC CORD, DEMKO	
1I	UK4501001	1	AC CORD ASSY, VDE	

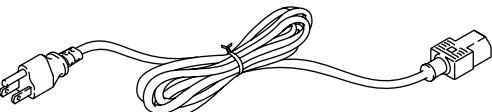
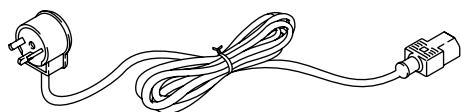
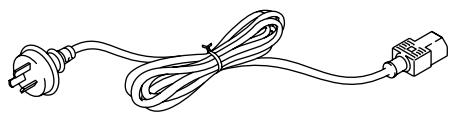
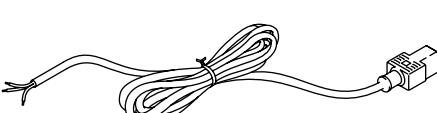
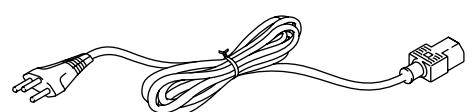
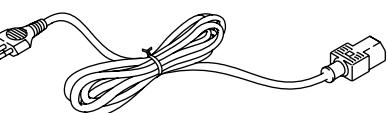
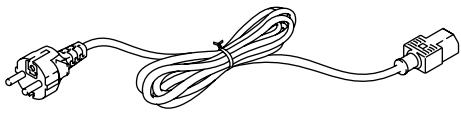
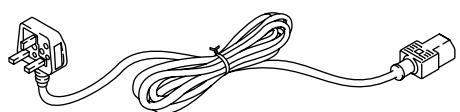
MODEL MFC-P2500/HL-P2500 84U-Z11-230

14. ACCESSORIES

REF.NO.	CODE	Q'TY	DESCRIPTION	REMARK
1	UU2080001	1	DOCUMENT SET TRAY ASSY	
2	UU2069001	1	PAPER EJECT TRAY ASSY	
3	UG4558001	1	I/F CABLE FE	

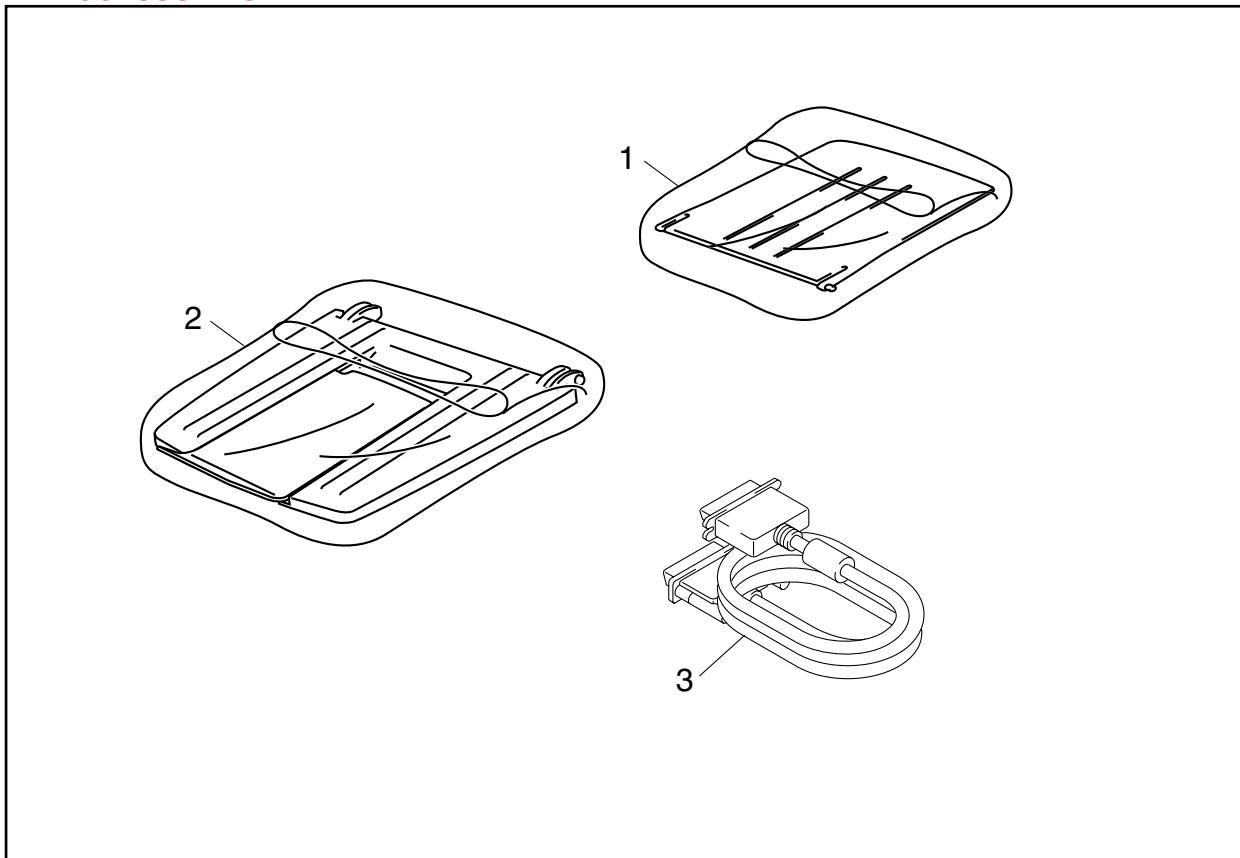
MODEL MFC-P2500/HL-P2500 84U-Z11-910

13. AC CORD

1A		1F	
1B		1G	
1C		1H	
1D		1I	
1E			

MODEL MFC-P2500/HL-P2500 84U-Z11-230

14. ACCESSORIES



MODEL MFC-P2500/HL-P2500 84U-Z11-910

15. DOCUMENTS

REF.NO.	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ4291001	1	CD ASSY US	
1	LJ4308001	1	CD ASSY EU	
2	LJ4292001	1	SET GUIDE, US	
2	LJ4309001	1	SET GUIDE, GER	
2	LJ4366001	1	SET GUIDE, FRA	
2	LJ4376001	1	SET GUIDE, NL	
2	LJ4373001	1	SET GUIDE, NOR	
2	LJ4396001	1	SET GUIDE, SWE	
2	LJ4388001	1	SET GUIDE, SPA	
2	LJ4392001	1	SET GUIDE, ITA	
3	UE2014001	1	BAG, 215X350H	

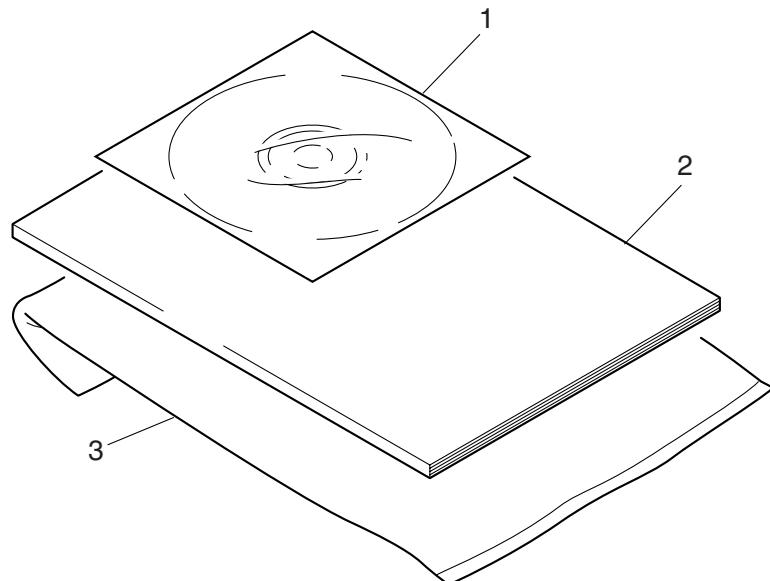
MODEL MFC-P2500/HL-P2500 84U-Z11-920

16. PACKING MATERIALS

REF.NO.	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ4300001	1	CARTON, P2500 US	
1	LJ4367001	1	CARTON, P2500 CAN	
1	LJ4311001	1	CARTON, P2500 EU	
2	LJ4301001	1	SF ASSY P2500	
3	UE3031001	1	BAG, 800X900H	
4	UE3122001	1	CARTON FOR MANUAL	

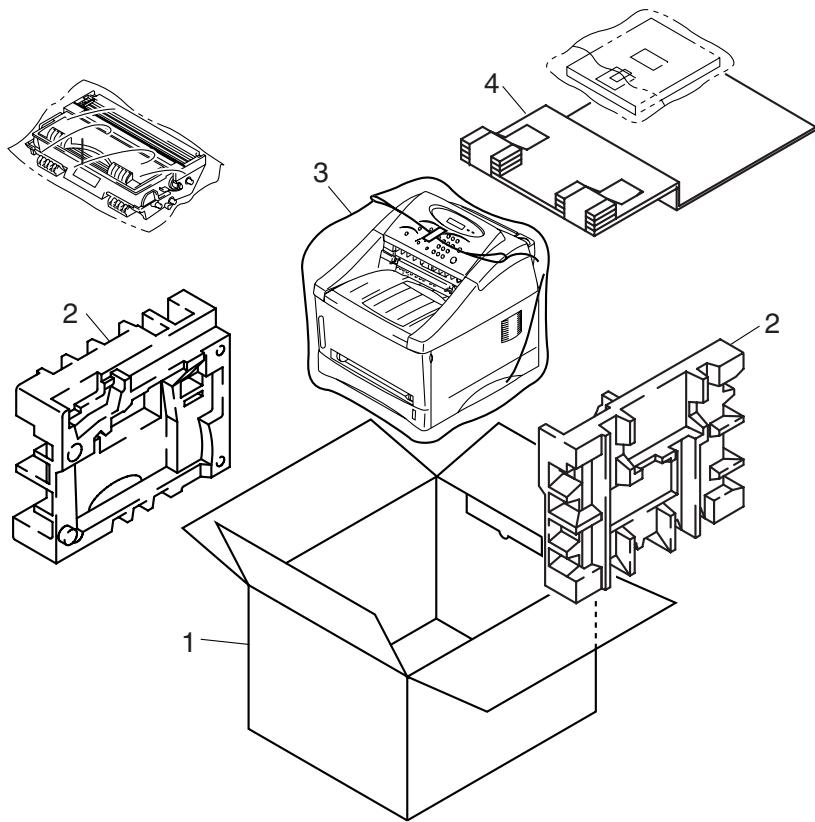
MODEL MFC-P2500/HL-P2500 84U-Z11-930

15. DOCUMENTS



MODEL MFC-P2500/HL-P2500 84U-Z11-920

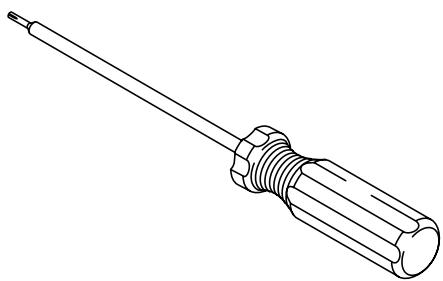
16. PACKING MATERIALS



MODEL MFC-P2500/HL-P2500 84U-Z11-930

17. ADJUSTING TOOL

PRT-402



PRT-001a/001b/001f



TOOL NO.	TOOL NAME	REMARK
PRT-402	TORX SCREW DRIVER	
PRT-001a	MOLYKOTE EM-30L	
PRT-001b	MOLYKOTE EMD-110	
PRT-001f	MOLYKOTE PG-662	

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